

Quantum™

SPSS®

> Communicate Survey Results Effectively



> Create sophisticated survey data tables

Survey data is only useful when it's accurate, understandable, and current. That's why it's so important to have a tabulation tool that improves data quality and provides usable results—quickly.

Quantum, a powerful tabulation tool from SPSS Inc., provides the speed, quality control, and presentation capabilities you need to deliver reliable results—even when managing millions of responses. With Quantum, you can tabulate any data set quickly, and then import your results into spreadsheet, word processing, and graphics packages, or create Quanvert databases.

Manage your data effectively

Your survey needs, not your software, should determine your data management requirements. Quantum manages any single-coded, multi-coded, or numeric data set, from simple ASCII records to complex hierarchical structures that have multiple records for each respondent. Whether you conduct CAPI, CATI, online, or paper surveys, Quantum enables you to turn your responses into unified tables.

Ensure accurate, high-quality data

When all is said and done, the quality of your data is the most important measure of your success. Quantum's editing tools provide the features you need to assess and improve the quality of your data. For example, the variety of weighting methods enables you to correct sampling imbalances or adjust to a required universe. To reduce the incidence of data errors, you can automate data manipulation and the application of statistics and significance tests. When errors do occur, you'll appreciate the clear, easy-to-understand alerts, and the interactive online editing features that enable you to make corrections quickly.

Present exactly the results you need

You invest significant time and energy to conduct your surveys and collect the results. After all of that work, you shouldn't be limited in terms of which results you can present. Quantum enables you to automatically compute and summarize data from any part of your survey. Instantly calculate means, subtotals, percentages, and frequencies, and include all of these results in a series of customized tables. Show the total number of respondents interviewed, or weight the data to match, for example, the population of a country. To correct sample imbalance, weight by factors, targets, percentages, or margins. With Quantum, you can apply statistical tests to any part of your data. These capabilities enable you to quickly create tables that include exactly the information you want to present.

When you conduct surveys in multiple languages, you can write specifications in one language and then either merge the results of all countries into one summary table, or produce separate tables for each country. Quantum stores texts for all languages in a central database, so you have a single access point for multi-language projects.

Create high-quality tables and presentations

How you present your results can be nearly as important as what you present. Quantum enables you to control everything from the look and feel of your tables, to how you deliver them to clients. Use the wide range of fonts—including Adobe® PostScript® styles—and presentation layouts to match your corporate image, or that of your clients. Then, either present printed tables, or supply your tables in formats that integrate seamlessly with popular spreadsheet, word processing, and graphics packages.

Create preformatted Quanvert databases

Users of Quanvert, SPSS Inc.'s desktop survey analysis tool, can use Quantum to create Quanvert databases. Quantum is the only tabulation software that integrates directly with Quanvert. Not only can you save time, you can create tables automatically in your preferred format by incorporating your company's formatting defaults into the Quanvert database.

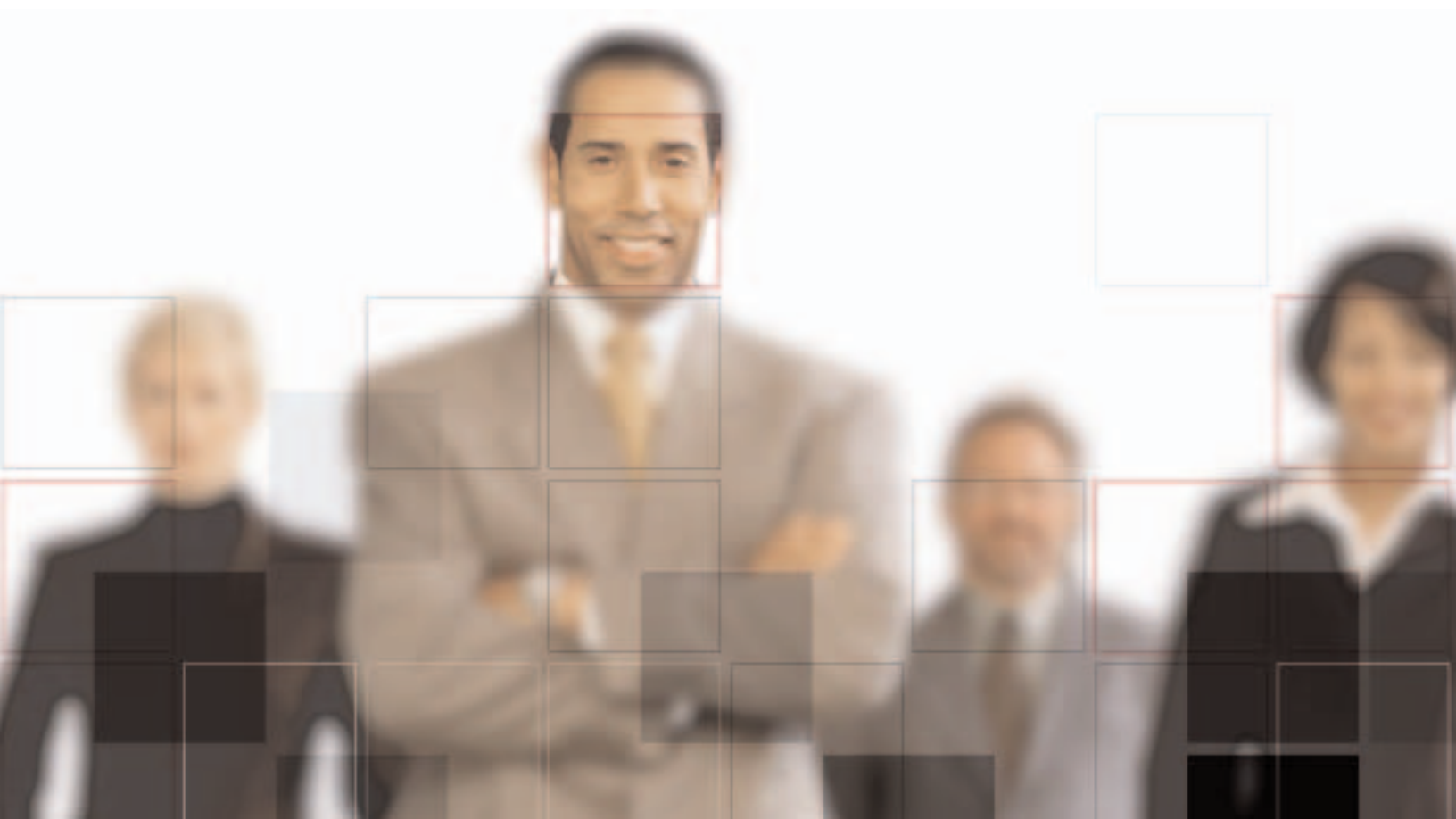
You also have the flexibility to determine the type and format of figures for individual tables or for all tables. For example, when specifying a series of tables, you can output a landscape-format table showing unweighted percentages,

and then output a portrait-format table displaying only the absolute figures. Quanvert remembers any font or display changes you make, and can use these as defaults for future tables.

Add advanced analysis and survey research capabilities

Quantum's flexible integration structure enables you to merge it seamlessly into your existing workflow, as well as add new products and capabilities as you need them. For example, add SPSS® Base for advanced analysis, and expand your survey research capabilities with tools from the Dimensions® platform, such as mrTables™, which enables you to create and distribute tables securely using your Web browser.

Don't let your tabulation tool limit your data management and deployment options. Ensure high-quality data and presentation-ready results with Quantum. For more information, visit www.spss.com.



Summary of capabilities

Here's a brief list of some of the capabilities and features that you'll enjoy with Quantum. For a more comprehensive list, contact an SPSS Sales Representative or visit www.spss.com.

Quantum enables you to:

- Handle single- and multiple-response data, and real or integer numeric values
- Tabulate at different levels of hierarchical data
- Create logical or numeric variables
- Check the validity of answers and logic
- Clean table data using batched instructions
- Perform arithmetic computations on columns and rows
- Weight data by factors, targets, percentages, or margins
- Calculate means, medians, standard deviations, and more
- Perform t-stats, z-tests, f-tests, and more
- Merge data files
- Write new data files
- Interrogate lookup files for data matches
- Create reports of selected records and/or fields
- Process and create reports on holecounts and numeric distributions
- Use sorting and nets
- Control the position of titles, question text, and numbers
- Choose typefaces, including PostScript fonts
- Control tables of content
- Create Quanvert databases that include default data formatting
- Export comma- or tab-delimited files
- Work with the Dimensions platform and tools
- Export data to SPSS Base for advanced analysis

Technical specifications and requirements

- Operating system: HP-UX® 10 or 11; Microsoft® Windows® 98, 2000, 2003, or XP, or Microsoft MS-DOS® 3.3 or later (requires HIMEM.SYS 2.78 or later and at least 4MB XMS memory configured); Red Hat® Linux™ 6.0, Enterprise Linux 3, or Linux 7.2 for Intel®; SCO® UNIX® 5; Sun™ Solaris™ 2.5, 2.6, 7, 8, or 9
- Hardware:
 - Memory: 8MB RAM
 - Minimum free drive space: 6MB



About SPSS Inc.

SPSS Inc. [NASDAQ: SPSS] is the world's leading provider of predictive analytics software and solutions. The company's predictive analytics technology connects data to effective action by drawing reliable conclusions about current conditions and future events. More than 250,000

commercial, academic, and public sector organizations rely on SPSS technology to help increase revenue, reduce costs, improve processes, and detect and prevent fraud. Founded in 1968, SPSS is headquartered in Chicago, Illinois. To learn more, please visit www.spss.com. For SPSS office locations and telephone numbers, go to www.spss.com/worldwide.

